

Appendix B: Cabling assignment tables

Appendix B contains the cabling assignment tables defined in previous sections of this document.

Table 3
NT8D34 CPU Module cabling

From				To			
Card	Card Conn	Slot	Cable	I/O Panel	Card	Card Conn	Slot
QPC580A		4	NT8D78AA		QPC579A		5
QPC742A		7	NT8D77AB		NT8D68AA	0	MSU
QPC584A	J1	7	NT8D80AC		NT8D69AA	0,1	MSU
QPC472B	J5	16	NT8D83AD	J1, J3, J5			
QPC472B	J4	16	NT9J93AD	J2, J4, J6	For Echo Canceler Use		

Table 4
NT6D39 CPU/Network Module cabling

From				To			
Card	Card Conn	Slot	Cable	I/O Panel	Card	Card Conn	Slot
QPC414	J1, J2	1–8	NT8D86AD	J1, J2, J4, J16, J17, J20			
NT8D04AA	J1, J2	1–8	NT8D88AD	J9, J12, J25, J28 (J1, J2, J4, J16, J17, J20 with adapter)			
NT8D17AA	J1	1–8	NT8D87AC	J1, J2, J4, J16, J17, J20			
QPC757	J1, J2	1–9, 13	NT8D82AD	J3, J13, J14, J15, J26, J27			
QPC513	J1, J2	1–9, 13	NT8D82AD	J3, J13, J14, J15, J26, J27			
QPC139	J3, J4	1–9, 13	NT8D82AD	J3, J13, J14, J15, J26, J27			
QPC841	J1, J2	1–9, 13	NT8D82AD	J3, J13, J14, J15, J26, J27			
NT8D41AA	J1, J2	B7, B8	NT8D84AA	J3, J13, J14, J15, J26, J27 (Must use adapter)			
QPC580		15	NT8D78AA		QPC579		14
QPC472	J5	3–8	NT8D83AD	J5, J7, J11, J19, J21, J23			
QPC742		12	NT8D77AB		NT8D68AA	0,1	18
QPC584	J1	12	NT8D80AB		NT8D69AA	0,1	18
QPC472	J4	3–8	NT9J93AD	J6, J8, J10, J18, J22, J24			
QPC414	J1, J2		NT8D85AB through NT8D85AV		QPC472	J3	

Table 5
NT8D35 Network Module cabling

From				To		
Card	Card Conn	Slot	Cable	I/O Panel	Card	Card Conn
QPC414	J1, J2	5–12	NT8D86AD	J1, J2, J4, J16, J17, J20		
NT8D04	J1, J2	5–12	NT8D88AD	J9, J12, J25, J28 (J1, J2, J4, J16, J17, J20 with adapter)		
NT8D17	J1	5–12	NT8D87AC	J1, J2, J4, J16, J17, J20		
QPC757	J1, J2	2, 3, 5–13	NT8D82AD	J3, J13, J14, J15, J26, J27		
QPC513	J1, J2	2, 3, 5–13	NT8D82AD	J3, J13, J14, J15, J26, J27		
QPC139	J3, J4	2, 3, 5–13	NT8D82AD	J3, J13, J14, J15, J26, J27		
QPC841	J1, J2	2, 3, 5–13	NT8D82AD	J3, J13, J14, J15, J26, J27		
NT8D22			NT8D46AD	J13		
QPC472	J5	2, 5–14	NT8D83AD	J5, J7, J11, J19, J21, J23		
QPC472	J4	2, 5–14	NT9J93AD	J6, J8, J10, J18, J22, J24		
QPC414	J1, J2		NT8D85AB through NT8D85AV		QPC472	J3

Table 6
NT8D37 IPE Module cabling summary

From		To
B/P Conn	Cable	I/O Panel
L0-1, L0-2, L0-3	NT8D81AA	A
L1-1, L1-2, L2-1	NT8D81AA	B
L2-2, L3-1, L3-2	NT8D81AA	C
L4-1, L4-2, L4-3	NT8D81AA	E
L5-1, L5-2, L6-1	NT8D81AA	F
L6-2, L7-1, L7-2	NT8D81AA	G
L8-1, L8-2, L8-3	NT8D81AA	K
L9-1, L9-2, L10-1	NT8D81AA	L
L10-2, L11-1, L11-2	NT8D81AA	M
L12-1, L12-2, L12-3	NT8D81AA	R
L13-1, L13-2, L14-1	NT8D81AA	S
L14-2, L15-1, L15-2	NT8D81AA	T
SL0	NT8D92AB	J2
SL1	NT8D92AB	J3
SL2	NT8D92AB	J4
SL3	NT8D92AB	J5

Table 7
NT8D37 IPE Module T&R Cable A (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
0	1	12A	R0	A	1	1
0	1	12B	T0	A	1	26
0	1	13A	R1	A	1	2
0	1	13B	T1	A	1	27
0	1	14A	R2	A	1	3
0	1	14B	T2	A	1	28
0	1	15A	R3	A	1	4
0	1	15B	T3	A	1	29
0	1	16A	R4	A	1	5
0	1	16B	T4	A	1	30
0	1	17A	R5	A	1	6
0	1	17B	T5	A	1	31
0	1	18A	R6	A	1	7
0	1	18B	T6	A	1	32
0	1	19A	R7	A	1	8
0	1	19B	T7	A	1	33
0	2	62A	R8	A	2	9
0	2	62B	T8	A	2	34
0	2	63A	R9	A	2	10
0	2	63B	T9	A	2	35
0	2	64A	R10	A	2	11
0	2	64B	T10	A	2	36
0	2	65A	R11	A	2	12
0	2	65B	T11	A	2	37
0	2	66A	R12	A	2	13
0	2	66B	T12	A	2	38
0	2	67A	R13	A	2	14
0	2	67B	T13	A	2	39
0	2	68A	R14	A	2	15
0	2	68B	T14	A	2	40
0	2	69A	R15	A	2	16
0	2	69B	T15	A	2	41
* Reserved for future packs requiring 24 T&R.						

Table 7
NT8D37 IPE Module T&R Cable A (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
0	3	73A	*R16	A	3	17
0	3	73B	*T16	A	3	42
0	3	74A	*R17	A	3	18
0	3	74B	*T17	A	3	43
0	3	75A	*R18	A	3	19
0	3	75B	*T18	A	3	44
0	3	76A	*R19	A	3	20
0	3	76B	*T19	A	3	45
0	3	77A	*R20	A	3	21
0	3	77B	*T20	A	3	46
0	3	78A	*R21	A	3	22
0	3	78B	*T21	A	3	47
0	3	79A	*R22	A	3	23
0	3	79B	*T22	A	3	48
0	3	80A	*R23	A	3	24
0	3	80B	*T23	A	3	49
* Reserved for future packs requiring 24 T&R.						

Table 8
NT8D37 IPE Module T&R Cable B (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
1	1	12A	R0	B	1	1
1	1	12B	T0	B	1	26
1	1	13A	R1	B	1	2
1	1	13B	T1	B	1	27
1	1	14A	R2	B	1	3
1	1	14B	T2	B	1	28
1	1	15A	R3	B	1	4
1	1	15B	T3	B	1	29
1	1	16A	R4	B	1	5
1	1	16B	T4	B	1	30
1	1	17A	R5	B	1	6
1	1	17B	T5	B	1	31
1	1	18A	R6	B	1	7
1	1	18B	T6	B	1	32
1	1	19A	R7	B	1	8
1	1	19B	T7	B	1	33
1	2	62A	R8	B	2	9
1	2	62B	T8	B	2	34
1	2	63A	R9	B	2	10
1	2	63B	T9	B	2	35
1	2	64A	R10	B	2	11
1	2	64B	T10	B	2	36
1	2	65A	R11	B	2	12
1	2	65B	T11	B	2	37
1	2	66A	R12	B	2	13
1	2	66B	T12	B	2	38
1	2	67A	R13	B	2	14
1	2	67B	T13	B	2	39
1	2	68A	R14	B	2	15
1	2	68B	T14	B	2	40
1	2	69A	R15	B	2	16
1	2	69B	T15	B	2	41

* Reserved for future packs requiring 24 T&R.

Table 8
NT8D37 IPE Module T&R Cable B (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
2	1	12A	R0	B	3	17
2	1	12B	T0	B	3	42
2	1	13A	R1	B	3	18
2	1	13B	T1	B	3	43
2	1	14A	R2	B	3	19
2	1	14B	T2	B	3	44
2	1	15A	R3	B	3	20
2	1	15B	T3	B	3	45
2	1	16A	R4	B	3	21
2	1	16B	T4	B	3	46
2	1	17A	R5	B	3	22
2	1	17B	T5	B	3	47
2	1	18A	R6	B	3	23
2	1	18B	T6	B	3	48
2	1	19A	R7	B	3	24
2	1	19B	T7	B	3	49
* Reserved for future packs requiring 24 T&R.						

Table 9
NT8D37 IPE Module T&R Cable C (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
2	2	62A	R8	C	1	1
2	2	62B	T8	C	1	26
2	2	63A	R9	C	1	2
2	2	63B	T9	C	1	27
2	2	64A	R10	C	1	3
2	2	64B	T10	C	1	28
2	2	65A	R11	C	1	4
2	2	65B	T11	C	1	29
2	2	66A	R12	C	1	5
2	2	66B	T12	C	1	30
2	2	67A	R13	C	1	6
2	2	67B	T13	C	1	31
2	2	68A	R14	C	1	7
2	2	68B	T14	C	1	32
2	2	69A	R15	C	1	8
2	2	69B	T15	C	1	33
3	1	12A	R0	C	2	9
3	1	12B	T0	C	2	34
3	1	13A	R1	C	2	10
3	1	13B	T1	C	2	35
3	1	14A	R2	C	2	11
3	1	14B	T2	C	2	36
3	1	15A	R3	C	2	12
3	1	15B	T3	C	2	37
3	1	16A	R4	C	2	13
3	1	16B	T4	C	2	38
3	1	17A	R5	C	2	14
3	1	17B	T5	C	2	39
3	1	18A	R6	C	2	15
3	1	18B	T6	C	2	40
3	1	19A	R7	C	2	16
3	1	19B	T7	C	2	41

* Reserved for future packs requiring 24 T&R.

Table 9
NT8D37 IPE Module T&R Cable C (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
3	2	62A	R8	C	3	17
3	2	62B	T8	C	3	42
3	2	63A	R9	C	3	18
3	2	63B	T9	C	3	43
3	2	64A	R10	C	3	19
3	2	64B	T10	C	3	44
3	2	65A	R11	C	3	20
3	2	65B	T11	C	3	45
3	2	66A	R12	C	3	21
3	2	66B	T12	C	3	46
3	2	67A	R13	C	3	22
3	2	67B	T13	C	3	47
3	2	68A	R14	C	3	23
3	2	68B	T14	C	3	48
3	2	69A	R15	C	3	24
3	2	69B	T15	C	3	49
* Reserved for future packs requiring 24 T&R.						

Table 10
NT8D37 IPE Module T&R Cable E (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
4	1	12A	R0	E	1	1
4	1	12B	T0	E	1	26
4	1	13A	R1	E	1	2
4	1	13B	T1	E	1	27
4	1	14A	R2	E	1	3
4	1	14B	T2	E	1	28
4	1	15A	R3	E	1	4
4	1	15B	T3	E	1	29
4	1	16A	R4	E	1	5
4	1	16B	T4	E	1	30
4	1	17A	R5	E	1	6
4	1	17B	T5	E	1	31
4	1	18A	R6	E	1	7
4	1	18B	T6	E	1	32
4	1	19A	R7	E	1	8
4	1	19B	T7	E	1	33
4	2	62A	R8	E	2	9
4	2	62B	T8	E	2	34
4	2	63A	R9	E	2	10
4	2	63B	T9	E	2	35
4	2	64A	R10	E	2	11
4	2	64B	T10	E	2	36
4	2	65A	R11	E	2	12
4	2	65B	T11	E	2	37
4	2	66A	R12	E	2	13
4	2	66B	T12	E	2	38
4	2	67A	R13	E	2	14
4	2	67B	T13	E	2	39
4	2	68A	R14	E	2	15
4	2	68B	T14	E	2	40
4	2	69A	R15	E	2	16
4	2	69B	T15	E	2	41

* Reserved for future packs requiring 24 T&R.

Table 10
NT8D37 IPE Module T&R Cable E (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
4	3	73A	*R16	E	3	17
4	3	73B	*T16	E	3	42
4	3	74A	*R17	E	3	18
4	3	74B	*T17	E	3	43
4	3	75A	*R18	E	3	19
4	3	75B	*T18	E	3	44
4	3	76A	*R19	E	3	20
4	3	76B	*T19	E	3	45
4	3	77A	*R20	E	3	21
4	3	77B	*T20	E	3	46
4	3	78A	*R21	E	3	22
4	3	78B	*T21	E	3	47
4	3	79A	*R22	E	3	23
4	3	79B	*T22	E	3	48
4	3	80A	*R23	E	3	24
4	3	80B	*T23	E	3	49
* Reserved for future packs requiring 24 T&R.						

Table 11
NT8D37 IPE Module T&R Cable F (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
5	1	12A	R0	F	1	1
5	1	12B	T0	F	1	26
5	1	13A	R1	F	1	2
5	1	13B	T1	F	1	27
5	1	14A	R2	F	1	3
5	1	14B	T2	F	1	28
5	1	15A	R3	F	1	4
5	1	15B	T3	F	1	29
5	1	16A	R4	F	1	5
5	1	16B	T4	F	1	30
5	1	17A	R5	F	1	6
5	1	17B	T5	F	1	31
5	1	18A	R6	F	1	7
5	1	18B	T6	F	1	32
5	1	19A	R7	F	1	8
5	1	19B	T7	F	1	33
5	2	62A	R8	F	2	9
5	2	62B	T8	F	2	34
5	2	63A	R9	F	2	10
5	2	63B	T9	F	2	35
5	2	64A	R10	F	2	11
5	2	64B	T10	F	2	36
5	2	65A	R11	F	2	12
5	2	65B	T11	F	2	37
5	2	66A	R12	F	2	13
5	2	66B	T12	F	2	38
5	2	67A	R13	F	2	14
5	2	67B	T13	F	2	39
5	2	68A	R14	F	2	15
5	2	68B	T14	F	2	40
5	2	69A	R15	F	2	16
5	2	69B	T15	F	2	41

* Reserved for future packs requiring 24 T&R.

Table 11
NT8D37 IPE Module T&R Cable F (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
6	1	12A	R0	F	3	17
6	1	12B	T0	F	3	42
6	1	13A	R1	F	3	18
6	1	13B	T1	F	3	43
6	1	14A	R2	F	3	19
6	1	14B	T2	F	3	44
6	1	15A	R3	F	3	20
6	1	15B	T3	F	3	45
6	1	16A	R4	F	3	21
6	1	16B	T4	F	3	46
6	1	17A	R5	F	3	22
6	1	17B	T5	F	3	47
6	1	18A	R6	F	3	23
6	1	18B	T6	F	3	48
6	1	19A	R7	F	3	24
6	1	19B	T7	F	3	49
* Reserved for future packs requiring 24 T&R.						

Table 12
NT8D37 IPE Module T&R Cable G (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
6	2	62A	R8	G	1	1
6	2	62B	T8	G	1	26
6	2	63A	R9	G	1	2
6	2	63B	T9	G	1	27
6	2	64A	R10	G	1	3
6	2	64B	T10	G	1	28
6	2	65A	R11	G	1	4
6	2	65B	T11	G	1	29
6	2	66A	R12	G	1	5
6	2	66B	T12	G	1	30
6	2	67A	R13	G	1	6
6	2	67B	T13	G	1	31
6	2	68A	R14	G	1	7
6	2	68B	T14	G	1	32
6	2	69A	R15	G	1	8
6	2	69B	T15	G	1	33
7	1	12A	R0	G	2	9
7	1	12B	T0	G	2	34
7	1	13A	R1	G	2	10
7	1	13B	T1	G	2	35
7	1	14A	R2	G	2	11
7	1	14B	T2	G	2	36
7	1	15A	R3	G	2	12
7	1	15B	T3	G	2	37
7	1	16A	R4	G	2	13
7	1	16B	T4	G	2	38
7	1	17A	R5	G	2	14
7	1	17B	T5	G	2	39
7	1	18A	R6	G	2	15
7	1	18B	T6	G	2	40
7	1	19A	R7	G	2	16
7	1	19B	T7	G	2	41

Table 12
NT8D37 IPE Module T&R Cable G (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
7	2	62A	R8	G	3	17
7	2	62B	T8	G	3	42
7	2	63A	R9	G	3	18
7	2	63B	T9	G	3	43
7	2	64A	R10	G	3	19
7	2	64B	T10	G	3	44
7	2	65A	R11	G	3	20
7	2	65B	T11	G	3	45
7	2	66A	R12	G	3	21
7	2	66B	T12	G	3	46
7	2	67A	R13	G	3	22
7	2	67B	T13	G	3	47
7	2	68A	R14	G	3	23
7	2	68B	T14	G	3	48
7	2	69A	R15	G	3	24
7	2	69B	T15	G	3	49

Table 13
NT8D37 IPE Module T&R Cable K (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
8	1	12A	R0	K	1	1
8	1	12B	T0	K	1	26
8	1	13A	R1	K	1	2
8	1	13B	T1	K	1	27
8	1	14A	R2	K	1	3
8	1	14B	T2	K	1	28
8	1	15A	R3	K	1	4
8	1	15B	T3	K	1	29
8	1	16A	R4	K	1	5
8	1	16B	T4	K	1	30
8	1	17A	R5	K	1	6
8	1	17B	T5	K	1	31
8	1	18A	R6	K	1	7
8	1	18B	T6	K	1	32
8	1	19A	R7	K	1	8
8	1	19B	T7	K	1	33
8	2	62A	R8	K	2	9
8	2	62B	T8	K	2	34
8	2	63A	R9	K	2	10
8	2	63B	T9	K	2	35
8	2	64A	R10	K	2	11
8	2	64B	T10	K	2	36
8	2	65A	R11	K	2	12
8	2	65B	T11	K	2	37
8	2	66A	R12	K	2	13
8	2	66B	T12	K	2	38
8	2	67A	R13	K	2	14
8	2	67B	T13	K	2	39
8	2	68A	R14	K	2	15
8	2	68B	T14	K	2	40
8	2	69A	R15	K	2	16
8	2	69B	T15	K	2	41

* Reserved for future packs requiring 24 T&R.

Table 13
NT8D37 IPE Module T&R Cable K (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
8	3	73A	*R16	K	3	17
8	3	73B	*T16	K	3	42
8	3	74A	*R17	K	3	18
8	3	74B	*T17	K	3	43
8	3	75A	*R18	K	3	19
8	3	75B	*T18	K	3	44
8	3	76A	*R19	K	3	20
8	3	76B	*T19	K	3	45
8	3	77A	*R20	K	3	21
8	3	77B	*T20	K	3	46
8	3	78A	*R21	K	3	22
8	3	78B	*T21	K	3	47
8	3	79A	*R22	K	3	23
8	3	79B	*T22	K	3	48
8	3	80A	*R23	K	3	24
8	3	80B	*T23	K	3	49
* Reserved for future packs requiring 24 T&R.						

Table 14
NT8D37 IPE Module T&R Cable L (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
9	1	12A	R0	L	1	1
9	1	12B	T0	L	1	26
9	1	13A	R1	L	1	2
9	1	13B	T1	L	1	27
9	1	14A	R2	L	1	3
9	1	14B	T2	L	1	28
9	1	15A	R3	L	1	4
9	1	15B	T3	L	1	29
9	1	16A	R4	L	1	5
9	1	16B	T4	L	1	30
9	1	17A	R5	L	1	6
9	1	17B	T5	L	1	31
9	1	18A	R6	L	1	7
9	1	18B	T6	L	1	32
9	1	19A	R7	L	1	8
9	1	19B	T7	L	1	33
9	2	62A	R8	L	2	9
9	2	62B	T8	L	2	34
9	2	63A	R9	L	2	10
9	2	63B	T9	L	2	35
9	2	64A	R10	L	2	11
9	2	64B	T10	L	2	36
9	2	65A	R11	L	2	12
9	2	65B	T11	L	2	37
9	2	66A	R12	L	2	13
9	2	66B	T12	L	2	38
9	2	67A	R13	L	2	14
9	2	67B	T13	L	2	39
9	2	68A	R14	L	2	15
9	2	68B	T14	L	2	40
9	2	69A	R15	L	2	16
9	2	69B	T15	L	2	41

Table 14
NT8D37 IPE Module T&R Cable L (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
10	1	12A	R0	L	3	17
10	1	12B	T0	L	3	42
10	1	13A	R1	L	3	18
10	1	13B	T1	L	3	43
10	1	14A	R2	L	3	19
10	1	14B	T2	L	3	44
10	1	15A	R3	L	3	20
10	1	15B	T3	L	3	45
10	1	16A	R4	L	3	21
10	1	16B	T4	L	3	46
10	1	17A	R5	L	3	22
10	1	17B	T5	L	3	47
10	1	18A	R6	L	3	23
10	1	18B	T6	L	3	48
10	1	19A	R7	L	3	24
10	1	19B	T7	L	3	49

Table 15
NT8D37 IPE Module T&R Cable M (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
10	2	62A	R8	M	1	1
10	2	62B	T8	M	1	26
10	2	63A	R9	M	1	2
10	2	63B	T9	M	1	27
10	2	64A	R10	M	1	3
10	2	64B	T10	M	1	28
10	2	65A	R11	M	1	4
10	2	65B	T11	M	1	29
10	2	66A	R12	M	1	5
10	2	66B	T12	M	1	30
10	2	67A	R13	M	1	6
10	2	67B	T13	M	1	31
10	2	68A	R14	M	1	7
10	2	68B	T14	M	1	32
10	2	69A	R15	M	1	8
10	2	69B	T15	M	1	33
11	1	12A	R0	M	2	9
11	1	12B	T0	M	2	34
11	1	13A	R1	M	2	10
11	1	13B	T1	M	2	35
11	1	14A	R2	M	2	11
11	1	14B	T2	M	2	36
11	1	15A	R3	M	2	12
11	1	15B	T3	M	2	37
11	1	16A	R4	M	2	13
11	1	16B	T4	M	2	38
11	1	17A	R5	M	2	14
11	1	17B	T5	M	2	39
11	1	18A	R6	M	2	15
11	1	18B	T6	M	2	40
11	1	19A	R7	M	2	16
11	1	19B	T7	M	2	41

Table 15
NT8D37 IPE Module T&R Cable M (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
11	2	62A	R8	M	3	17
11	2	62B	T8	M	3	42
11	2	63A	R9	M	3	18
11	2	63B	T9	M	3	43
11	2	64A	R10	M	3	19
11	2	64B	T10	M	3	44
11	2	65A	R11	M	3	20
11	2	65B	T11	M	3	45
11	2	66A	R12	M	3	21
11	2	66B	T12	M	3	46
11	2	67A	R13	M	3	22
11	2	67B	T13	M	3	47
11	2	68A	R14	M	3	23
11	2	68B	T14	M	3	48
11	2	69A	R15	M	3	24
11	2	69B	T15	M	3	49

Table 16
NT8D37 IPE Module T&R Cable R (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
12	1	12A	R0	R	1	1
12	1	12B	T0	R	1	26
12	1	13A	R1	R	1	2
12	1	13B	T1	R	1	27
12	1	14A	R2	R	1	3
12	1	14B	T2	R	1	28
12	1	15A	R3	R	1	4
12	1	15B	T3	R	1	29
12	1	16A	R4	R	1	5
12	1	16B	T4	R	1	30
12	1	17A	R5	R	1	6
12	1	17B	T5	R	1	31
12	1	18A	R6	R	1	7
12	1	18B	T6	R	1	32
12	1	19A	R7	R	1	8
12	1	19B	T7	R	1	33
12	2	62A	R8	R	2	9
12	2	62B	T8	R	2	34
12	2	63A	R9	R	2	10
12	2	63B	T9	R	2	35
12	2	64A	R10	R	2	11
12	2	64B	T10	R	2	36
12	2	65A	R11	R	2	12
12	2	65B	T11	R	2	37
12	2	66A	R12	R	2	13
12	2	66B	T12	R	2	38
12	2	67A	R13	R	2	14
12	2	67B	T13	R	2	39
12	2	68A	R14	R	2	15
12	2	68B	T14	R	2	40
12	2	69A	R15	R	2	16
12	2	69B	T15	R	2	41

* Reserved for future packs requiring 24 T&R.

Table 16
NT8D37 IPE Module T&R Cable R (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
12	3	73A	*R16	R	3	17
12	3	73B	*T16	R	3	42
12	3	74A	*R17	R	3	18
12	3	74B	*T17	R	3	43
12	3	75A	*R18	R	3	19
12	3	75B	*T18	R	3	44
12	3	76A	*R19	R	3	20
12	3	76B	*T19	R	3	45
12	3	77A	*R20	R	3	21
12	3	77B	*T20	R	3	46
12	3	78A	*R21	R	3	22
12	3	78B	*T21	R	3	47
12	3	79A	*R22	R	3	23
12	3	79B	*T22	R	3	48
12	3	80A	*R23	R	3	24
12	3	80B	*T23	R	3	49
* Reserved for future packs requiring 24 T&R.						

Table 17
NT8D37 IPE Module T&R Cable S (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
13	1	12A	R0	S	1	1
13	1	12B	T0	S	1	26
13	1	13A	R1	S	1	2
13	1	13B	T1	S	1	27
13	1	14A	R2	S	1	3
13	1	14B	T2	S	1	28
13	1	15A	R3	S	1	4
13	1	15B	T3	S	1	29
13	1	16A	R4	S	1	5
13	1	16B	T4	S	1	30
13	1	17A	R5	S	1	6
13	1	17B	T5	S	1	31
13	1	18A	R6	S	1	7
13	1	18B	T6	S	1	32
13	1	19A	R7	S	1	8
15	1	19B	T7	S	1	33
13	2	62A	R8	S	2	9
13	2	62B	T8	S	2	34
13	2	63A	R9	S	2	10
13	2	63B	T9	S	2	35
13	2	64A	R10	S	2	11
13	2	64B	T10	S	2	36
13	2	65A	R11	S	2	12
13	2	65B	T11	S	2	37
13	2	66A	R12	S	2	13
13	2	66B	T12	S	2	38
13	2	67A	R13	S	2	14
13	2	67B	T13	S	2	39
13	2	68A	R14	S	2	15
13	2	68B	T14	S	2	40
13	2	69A	R15	S	2	16
13	2	69B	T15	S	2	41

Table 17
NT8D37 IPE Module T&R Cable S (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
14	1	12A	R0	S	3	17
14	1	12B	T0	S	3	42
14	1	13A	R1	S	3	18
14	1	13B	T1	S	3	43
14	1	14A	R2	S	3	19
14	1	14B	T2	S	3	44
14	1	15A	R3	S	3	20
14	1	15B	T3	S	3	45
14	1	16A	R4	S	3	21
14	1	16B	T4	S	3	46
14	1	17A	R5	S	3	22
14	1	17B	T5	S	3	47
14	1	18A	R6	S	3	23
14	1	18B	T6	S	3	48
14	1	19A	R7	S	3	24
14	1	19B	T7	S	3	49

Table 18
NT8D37 IPE Module T&R Cable T (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
14	2	62A	R8	T	1	1
14	2	62B	T8	T	1	26
14	2	63A	R9	T	1	2
14	2	63B	T9	T	1	27
14	2	64A	R10	T	1	3
14	2	64B	T10	T	1	28
14	2	65A	R11	T	1	4
14	2	65B	T11	T	1	29
14	2	66A	R12	T	1	5
14	2	66B	T12	T	1	30
14	2	67A	R13	T	1	6
14	2	67B	T13	T	1	31
14	2	68A	R14	T	1	7
14	2	68B	T14	T	1	32
14	2	69A	R15	T	1	8
14	2	69B	T15	T	1	33
15	1	12A	R0	T	2	9
15	1	12B	T0	T	2	34
15	1	13A	R1	T	2	10
15	1	13B	T1	T	2	35
15	1	14A	R2	T	2	11
15	1	14B	T2	T	2	36
15	1	15A	R3	T	2	12
15	1	15B	T3	T	2	37
15	1	16A	R4	T	2	13
15	1	16B	T4	T	2	38
15	1	17A	R5	T	2	14
15	1	17B	T5	T	2	39
15	1	18A	R6	T	2	15
15	1	18B	T6	T	2	40
15	1	19A	R7	T	2	16
15	1	19B	T7	T	2	41

Table 18
NT8D37 IPE Module T&R Cable T (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
15	2	62A	R8	T	3	17
15	2	62B	T8	T	3	42
15	2	63A	R9	T	3	18
15	2	63B	T9	T	3	43
15	2	64A	R10	T	3	19
15	2	64B	T10	T	3	44
15	2	65A	R11	T	3	20
15	2	65B	T11	T	3	45
15	2	66A	R12	T	3	21
15	2	66B	T12	T	3	46
15	2	67A	R13	T	3	22
15	2	67B	T13	T	3	47
15	2	68A	R14	T	3	23
15	2	68B	T14	T	3	48
15	2	69A	R15	T	3	24
15	2	69B	T15	T	3	49

Table 19
NT8D37 IPE Module SLO loop cabling

Card Slot	From			To	
	B/P Conn	B/P Pin	Signal	I/O Conn	Pin Num
Controller	SL0	2A	RXLA0	J2	1
Controller	SL0	2B	RXLA0Z	J2	13
Controller	SL0	3A	RXLA1	J2	2
Controller	SL0	3B	RXLA1Z	J2	14
Controller	SL0	4A	RXLA2	J2	3
Controller	SL0	4B	RXLA2Z	J2	15
Controller	SL0	5A	RXLA3	J2	4
Controller	SL0	5B	RXLA3Z	J2	16
Controller	SL0	6A	TXLA0	J2	5
Controller	SL0	6B	TXLA0Z	J2	17
Controller	SL0	7A	TXLA1	J2	6
Controller	SL0	7B	TXLA1Z	J2	18
Controller	SL0	8A	TXLA2	J2	7
Controller	SL0	8B	TXLA2Z	J2	19
Controller	SL0	9A	TXLA3	J2	8
Controller	SL0	9B	TXLA3Z	J2	20
Controller	SL0	10A	M10A	J2	9
Controller	SL0	10B	M10AZ	J2	21
Controller	SL0	11A	FRM8A	J2	10
Controller	SL0	11B	FRM8AZ	J2	22
Controller	SL0	12A	MWOA	J2	11
Controller	SL0	12B	MWOAZ	J2	23
Controller	SL0	13A	MWIA	J2	12
Controller	SL0	13B	MWIAZ	J2	24

Table 20
NT8D37 IPE Module SL1 loop cabling

Card Slot	From			To	
	B/P Conn	B/P Pin	Signal	I/O Conn	Pin Num
Controller	SL1	68A	RXLB0	J3	1
Controller	SL1	68B	RXLB0Z	J3	13
Controller	SL1	69A	RXLB1	J3	2
Controller	SL1	69B	RXLB1Z	J3	14
Controller	SL1	70A	RXLB2	J3	3
Controller	SL1	70B	RXLB2Z	J3	15
Controller	SL1	71A	RXLB3	J3	4
Controller	SL1	71B	RXLB3Z	J3	16
Controller	SL1	72A	TXLB0	J3	5
Controller	SL1	72B	TXLB0Z	J3	17
Controller	SL1	73A	TXLB1	J3	6
Controller	SL1	73B	TXLB1Z	J3	18
Controller	SL1	74A	TXLB2	J3	7
Controller	SL1	74B	TXLB2Z	J3	19
Controller	SL1	75A	TXLB3	J3	8
Controller	SL1	75B	TXLB3Z	J3	20
Controller	SL1	76A	M10B	J3	9
Controller	SL1	76B	M10BZ	J3	21
Controller	SL1	77A	FRM8B	J3	10
Controller	SL1	77B	FRM8BZ	J2	22
Controller	SL1	78A	MWOB	J2	11
Controller	SL1	78B	MWOBZ	J2	23
Controller	SL1	79A	MWIB	J2	12
Controller	SL1	79B	MWIBZ	J2	24

Table 21
NT8D37 IPE Module SL2 loop cabling

Card Slot	From			To	
	B/P Conn	B/P Pin	Signal	I/O Conn	Pin Num
Controller	SL2	2A	RXLC0	J4	1
Controller	SL2	2B	RXLC0Z	J4	13
Controller	SL2	3A	RXLC1	J4	2
Controller	SL2	3B	RXLC1Z	J4	14
Controller	SL2	4A	RXLC2	J4	3
Controller	SL2	4B	RXLC2Z	J4	15
Controller	SL2	5A	RXLC3	J4	4
Controller	SL2	5B	RXLC3Z	J4	16
Controller	SL2	6A	TXLC0	J4	5
Controller	SL2	6B	TXLC0Z	J4	17
Controller	SL2	7A	TXLC1	J4	6
Controller	SL2	7B	TXLC1Z	J4	18
Controller	SL2	8A	TXLC2	J4	7
Controller	SL2	8B	TXLC2Z	J4	19
Controller	SL2	9A	TXLC3	J4	8
Controller	SL2	9B	TXLC3Z	J4	20
Controller	SL2	10A	M10C	J4	9
Controller	SL2	10B	M10CZ	J4	21
Controller	SL2	11A	FRM8C	J4	10
Controller	SL2	11B	FRM8CZ	J4	22
Controller	SL2	12A	MWOC	J4	11
Controller	SL2	12B	MWOCZ	J4	23
Controller	SL2	13A	MWIC	J4	12
Controller	SL2	13B	MWICZ	J4	24

Table 22
NT8D37 IPE Module SL3 loop cabling

Card Slot	From			To	
	B/P Conn	B/P Pin	Signal	I/O Conn	Pin Num
Controller	SL3	68A	RXLD0	J5	1
Controller	SL3	68B	RXLD0Z	J5	13
Controller	SL3	69A	RXLD1	J5	2
Controller	SL3	69B	RXLD1Z	J5	14
Controller	SL3	70A	RXLD2	J5	3
Controller	SL3	70B	RXLD2Z	J5	15
Controller	SL3	71A	RXLD3	J5	4
Controller	SL3	71B	RXLD3Z	J5	16
Controller	SL3	72A	TXLD0	J5	5
Controller	SL3	72B	TXLD0Z	J5	17
Controller	SL3	73A	TXLD1	J5	6
Controller	SL3	73B	TXLD1Z	J5	18
Controller	SL3	74A	TXLD2	J5	7
Controller	SL3	74B	TXLD2Z	J5	19
Controller	SL3	75A	TXLD3	J5	8
Controller	SL3	75B	TXLD3Z	J5	20
Controller	SL3	76A	M10D	J5	9
Controller	SL3	76B	M10DZ	J5	21
Controller	SL3	77A	FRM8D	J5	10
Controller	SL3	77B	FRM8DZ	J5	22
Controller	SL3	78A	MW0D	J5	11
Controller	SL3	78B	MW0DZ	J5	23
Controller	SL3	79A	MWID	J5	12
Controller	SL3	79B	MWIDZ	J5	24

Table 23
NT8D13 PE Module T&R Cable A (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
1	A1	1	R0L1	A	1	1
1	A1	2	T0L1	A	1	26
1	A1	3	SB0L1	A	1	2
1	A1	4	SA0L1	A	1	27
1	A1	5	R1L1	A	1	3
1	A1	6	T1L1	A	1	28
1	A1	7	SB1L1	A	1	4
1	A1	8	SA1L1	A	1	29
1	A1	9	R2L1	A	1	5
1	A1	10	T2L1	A	1	30
1	A1	11	SB2L1	A	1	6
1	A1	12	SA2L1	A	1	31
1	A1	13	R3L1	A	1	7
1	A1	14	T3L1	A	1	32
1	A1	15	SB3L1	A	1	8
1	A1	16	SA3L1	A	1	33
1	A2	1	R4L1	A	2	9
1	A2	2	T4L1	A	2	34
1	A2	3	SB4L1	A	2	10
1	A2	4	SA4L1	A	2	35
1	A2	5	R5L1	A	2	11
1	A2	6	T5L1	A	2	36
1	A2	7	SB5L1	A	2	12
1	A2	8	SA5L1	A	2	37
1	A2	9	R6L1	A	2	13
1	A2	10	T6L1	A	2	38
1	A2	11	SB6L1	A	2	14
1	A2	12	SA6L1	A	2	39
1	A2	13	R7L1	A	2	15
1	A2	14	T7L1	A	2	40
1	A2	15	SB7L1	A	2	16
1	A2	16	SA7L1	A	2	41

Table 23
NT8D13 PE Module T&R Cable A (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
2	A3	1	R0L2	A	3	17
2	A3	2	T0L2	A	3	42
2	A3	3	SB0L2	A	3	18
2	A3	4	SA0L2	A	3	43
2	A3	5	R1L2	A	3	19
2	A3	6	T1L2	A	3	44
2	A3	7	SB1L2	A	3	20
2	A3	8	SA1L2	A	3	45
2	A3	9	R2L2	A	3	21
2	A3	10	T2L2	A	3	46
2	A3	11	SB2L2	A	3	22
2	A3	12	SA2L2	A	3	47
2	A3	13	R3L2	A	3	23
2	A3	14	T3L2	A	3	48
2	A3	15	SB3L2	A	3	24
2	A3	16	SA3L2	A	3	49

Table 24
NT8D13 PE Module T&R Cable B (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
2	B1	1	R4L2	B	1	1
2	B1	2	T4L2	B	1	26
2	B1	3	SB4L2	B	1	2
2	B1	4	SA4L2	B	1	27
2	B1	5	R5L2	B	1	3
2	B1	6	T5L2	B	1	28
2	B1	7	SB5L2	B	1	4
2	B1	8	SA5L2	B	1	29
2	B1	9	R6L2	B	1	5
2	B1	10	T6L2	B	1	30
2	B1	11	SB6L2	B	1	6
2	B1	12	SA6L2	B	1	31
2	B1	13	R7L2	B	1	7
2	B1	14	T7L2	B	1	32
2	B1	15	SB7L2	B	1	8
2	B1	16	SA7L2	B	1	33
3	B2	1	R0L3	B	2	9
3	B2	2	T0L3	B	2	34
3	B2	3	SB0L3	B	2	10
3	B2	4	SA0L3	B	2	35
3	B2	5	R1L3	B	2	11
3	B2	6	T1L3	B	2	36
3	B2	7	SB1L3	B	2	12
3	B2	8	SA1L3	B	2	37
3	B2	9	R2L3	B	2	13
3	B2	10	T2L3	B	2	38
3	B2	11	SB3L3	B	2	14
3	B2	12	SA2L3	B	2	39
3	B2	13	R3L3	B	2	15
3	B2	14	T3L3	B	2	40
3	B2	15	SB3L3	B	2	16
3	B2	16	SA3L3	B	2	41

Table 24
NT8D13 PE Module T&R Cable B (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
3	B3	1	R4L3	B	3	17
3	B3	2	T4L3	B	3	42
3	B3	3	SB4L3	B	3	18
3	B3	4	SA4L3	B	3	43
3	B3	5	R5L3	B	3	19
3	B3	6	T5L3	B	3	44
3	B3	7	SB5L3	B	3	20
3	B3	8	SA5L3	B	3	45
3	B3	9	R6L3	B	3	21
3	B3	10	T6L3	B	3	46
3	B3	11	SB6L3	B	3	22
3	B3	12	SA6L3	B	3	47
3	B3	13	R7L3	B	3	23
3	B3	14	T7L3	B	3	48
3	B3	15	SB7L3	B	3	24
3	B3	16	SA7L3	B	3	49

Table 25
NT8D13 PE Module T&R Cable C (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
4	C1	1	R0L4	C	1	1
4	C1	2	T0L4	C	1	26
4	C1	3	SB0L4	C	1	2
4	C1	4	SA0L4	C	1	27
4	C1	5	R1L4	C	1	3
4	C1	6	T1L4	C	1	28
4	C1	7	SB1L4	C	1	4
4	C1	8	SA1L4	C	1	29
4	C1	9	R2L4	C	1	5
4	C1	10	T2L4	C	1	30
4	C1	11	SB2L4	C	1	6
4	C1	12	SA2L4	C	1	31
4	C1	13	R3L4	C	1	7
4	C1	14	T3L4	C	1	32
4	C1	15	SB3L4	C	1	8
4	C1	16	SA3L4	C	1	33
4	C2	1	R4L4	C	2	9
4	C2	2	T4L4	C	2	34
4	C2	3	SB4L4	C	2	10
4	C2	4	SA4L4	C	2	35
4	C2	5	R5L4	C	2	11
4	C2	6	T5L4	C	2	36
4	C2	7	SB5L4	C	2	12
4	C2	8	SA5L4	C	2	37
4	C2	9	R6L4	C	2	13
4	C2	10	T6L4	C	2	38
4	C2	11	SB6L4	C	2	14
4	C2	12	SA6L4	C	2	39
4	C2	13	R7L4	C	2	15
4	C2	14	T7L4	C	2	40
4	C2	15	SB7L4	C	2	16
4	C2	16	SA7L4	C	2	41

Table 25
NT8D13 PE Module T&R Cable C (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
5	C3	1	R0L5	C	3	17
5	C3	2	T0L5	C	3	42
5	C3	3	SB0L5	C	3	18
5	C3	4	SA0L5	C	3	43
5	C3	5	R1L5	C	3	19
5	C3	6	T1L5	C	3	44
5	C3	7	SB1L5	C	3	20
5	C3	8	SA1L5	C	3	45
5	C3	9	R2L5	C	3	21
5	C3	10	T2L5	C	3	46
5	C3	11	SB2L5	C	3	22
5	C3	12	SA2L5	C	3	47
5	C3	13	R3L5	C	3	23
5	C3	14	T3L5	C	3	48
5	C3	15	SB3L5	C	3	24
5	C3	16	SA3L5	C	3	49

Table 26
NT8D13 PE Module T&R Cable D (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
5	D1	1	R4L5	D	1	1
5	D1	2	T4L5	D	1	26
5	D1	3	SB4L5	D	1	2
5	D1	4	SA4L5	D	1	27
5	D1	5	R5L5	D	1	3
5	D1	6	T5L5	D	1	28
5	D1	7	SB5L5	D	1	4
5	D1	8	SA5L5	D	1	29
5	D1	9	R6L5	D	1	5
5	D1	10	T6L5	D	1	30
5	D1	11	SB6L5	D	1	6
5	D1	12	SA6L5	D	1	31
5	D1	13	R7L5	D	1	7
5	D1	14	T7L5	D	1	32
5	D1	15	SB7L5	D	1	8
5	D1	16	SA7L5	D	1	33
6	D2	1	R0L6	D	2	9
6	D2	2	T0L6	D	2	34
6	D2	3	SB0L6	D	2	10
6	D2	4	SA0L6	D	2	35
6	D2	5	R1L6	D	2	11
6	D2	6	T1L6	D	2	36
6	D2	7	SB1L6	D	2	12
6	D2	8	SA1L6	D	2	37
6	D2	9	R2L6	D	2	13
6	D2	10	T2L6	D	2	38
6	D2	11	SB2L6	D	2	14
6	D2	12	SA2L6	D	2	39
6	D2	13	R3L6	D	2	15
6	D2	14	T3L6	D	2	40
6	D2	15	SB3L6	D	2	16
6	D2	16	SA3L6	D	2	41

Table 26
NT8D13 PE Module T&R Cable D (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
6	D3	1	R4L6	D	3	17
6	D3	2	T4L6	D	3	42
6	D3	3	SB4L6	D	3	18
6	D3	4	SA4L6	D	3	43
6	D3	5	R5L6	D	3	19
6	D3	6	T5L6	D	3	44
6	D3	7	SB5L6	D	3	20
6	D3	8	SA5L6	D	3	45
6	D3	9	R6L6	D	3	21
6	D3	10	T6L6	D	3	46
6	D3	11	SB6L6	D	3	22
6	D3	12	SA6L6	D	3	47
6	D3	13	R7L6	D	3	23
6	D3	14	T7L6	D	3	48
6	D3	15	SB7L6	D	3	24
6	D3	16	SA7L6	D	3	49

Table 27
NT8D13 PE Module T&R Cable E (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
7	E1	1	R0L7	E	1	1
7	E1	2	T0L7	E	1	26
7	E1	3	SB0L7	E	1	2
7	E1	4	SA0L7	E	1	27
7	E1	5	R1L7	E	1	3
7	E1	6	T1L7	E	1	28
7	E1	7	SB1L7	E	1	4
7	E1	8	SA1L7	E	1	29
7	E1	9	R2L7	E	1	5
7	E1	10	T2L7	E	1	30
7	E1	11	SB2L7	E	1	6
7	E1	12	SA2L7	E	1	31
7	E1	13	R3L7	E	1	7
7	E1	14	T3L7	E	1	32
7	E1	15	SB3L7	E	1	8
7	E1	16	SA3L7	E	1	33
7	E2	1	R4L7	E	2	9
7	E2	2	T4L7	E	2	34
7	E2	3	SB4L7	E	2	10
7	E2	4	SA4L7	E	2	35
7	E2	5	R5L7	E	2	11
7	E2	6	T5L7	E	2	36
7	E2	7	SB5L7	E	2	12
7	E2	8	SA5L7	E	2	37
7	E2	9	R6L7	E	2	13
7	E2	10	T6L7	E	2	38
7	E2	11	SB6L7	E	2	14
7	E2	12	SA6L7	E	2	39
7	E2	13	R7L7	E	2	15
7	E2	14	T7L7	E	2	40
7	E2	15	SB7L7	E	2	16
7	E2	16	SA7L7	E	2	41

Table 27
NT8D13 PE Module T&R Cable E (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
8	E3	1	R0L8	E	3	17
8	E3	2	T0L8	E	3	42
8	E3	3	SB0L8	E	3	18
8	E3	4	SA0L8	E	3	43
8	E3	5	R1L8	E	3	19
8	E3	6	T1L8	E	3	44
8	E3	7	SB1L8	E	3	20
8	E3	8	SA1L8	E	3	45
8	E3	9	R2L8	E	3	21
8	E3	10	T2L8	E	3	46
8	E3	11	SB2L8	E	3	22
8	E3	12	SA2L8	E	3	47
8	E3	13	R3L8	E	3	23
8	E3	14	T3L8	E	3	48
8	E3	15	SB3L8	E	3	24
8	E3	16	SA3L8	E	3	49

Table 28
NT8D13 PE Module T&R Cable F (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
8	F1	1	R4L8	F	1	1
8	F1	2	T4L8	F	1	26
8	F1	3	SB4L8	F	1	2
8	F1	4	SA4L8	F	1	27
8	F1	5	R5L8	F	1	3
8	F1	6	T5L8	F	1	28
8	F1	7	SB5L8	F	1	4
8	F1	8	SA5L8	F	1	29
8	F1	9	R6L8	F	1	5
8	F1	10	T6L8	F	1	30
8	F1	11	SB6L8	F	1	6
8	F1	12	SA6L8	F	1	31
8	F1	13	R7L8	F	1	7
8	F1	14	T7L8	F	1	32
8	F1	15	SB7L8	F	1	8
8	F1	16	SA7L8	F	1	33
9	F2	1	R0L9	F	2	9
9	F2	2	T0L9	F	2	34
9	F2	3	SB0L9	F	2	10
9	F2	4	SA0L9	F	2	35
9	F2	5	R1L9	F	2	11
9	F2	6	T1L9	F	2	36
9	F2	7	SB1L9	F	2	12
9	F2	8	SA1L9	F	2	37
9	F2	9	R2L9	F	2	13
9	F2	10	T2L9	F	2	38
9	F2	11	SB2L9	F	2	14
9	F2	12	SA2L9	F	2	39
9	F2	13	R3L9	F	2	15
9	F2	14	T3L9	F	2	40
9	F2	15	SB3L9	F	2	16
9	F2	16	SA3L9	F	2	41

Table 28
NT8D13 PE Module T&R Cable F (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
9	F3	1	R4L9	F	3	17
9	F3	2	T4L9	F	3	42
9	F3	3	SB4L9	F	3	18
9	F3	4	SA4L9	F	3	43
9	F3	5	R5L9	F	3	19
9	F3	6	T5L9	F	3	44
9	F3	7	SB5L9	F	3	20
9	F3	8	SA5L9	F	3	45
9	F3	9	R6L9	F	3	21
9	F3	10	T6L9	F	3	46
9	F3	11	SB6L9	F	3	22
9	F3	12	SA6L9	F	3	47
9	F3	13	R7L9	F	3	23
9	F3	14	T7L9	F	3	48
9	F3	15	SB7L9	F	3	24
9	F3	16	SA7L9	F	3	49

Table 29
NT8D13 PE Module T&R Cable G (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
10	G1	1	R0L10	G	1	1
10	G1	2	T0L10	G	1	26
10	G1	3	SB0L10	G	1	2
10	G1	4	SA0L10	G	1	27
10	G1	5	R1L10	G	1	3
10	G1	6	T1L10	G	1	28
10	G1	7	SB1L10	G	1	4
10	G1	8	SA1L10	G	1	29
10	G1	9	R2L10	G	1	5
10	G1	10	T2L10	G	1	30
10	G1	11	SB2L10	G	1	6
10	G1	12	SA2L10	G	1	31
10	G1	13	R3L10	G	1	7
10	G1	14	T3L10	G	1	32
10	G1	15	SB3L10	G	1	8
10	G1	16	SA3L10	G	1	33
10	G2	1	R4L10	G	2	9
10	G2	2	T4L10	G	2	34
10	G2	3	SB4L10	G	2	10
10	G2	4	SA4L10	G	2	35
10	G2	5	R5L10	G	2	11
10	G2	6	T5L10	G	2	36
10	G2	7	SB5L10	G	2	12
10	G2	8	SA5L10	G	2	37
10	G2	9	R6L10	G	2	13
10	G2	10	T6L10	G	2	38
10	G2	11	SB6L10	G	2	14
10	G2	12	SA6L10	G	2	39
10	G2	13	R7L10	G	2	15
10	G2	14	T7L10	G	2	40
10	G2	15	SB7L10	G	2	16
10	G2	16	SA7L10	G	2	41

Table 29
NT8D13 PE Module T&R Cable G (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Conn	I/O Conn	Pin Num
			NOT USED	G	3	17
			NOT USED	G	3	42
			NOT USED	G	3	18
			NOT USED	G	3	43
			NOT USED	G	3	19
			NOT USED	G	3	44
			NOT USED	G	3	20
			NOT USED	G	3	45
			NOT USED	G	3	21
			NOT USED	G	3	46
			NOT USED	G	3	22
			NOT USED	G	3	47
			NOT USED	G	3	23
			NOT USED	G	3	48
			NOT USED	G	3	24
			NOT USED	G	3	49

Table 30
PE Module cabling summary

From					To
Card	Card Conn	Card Slot	B/P Conn	Cable	I/O Conn Panel
QPC659	LPX	DLB		NT8D86AD	J1 (LPX)
QPC659	LPY	DLB		NT8D86AD	J2 (LPY)
		L1, L2	A1, A2, A3	NT8D81AA	A
		L2, L3	B1, B2, B3	NT8D81AA	B
		L4, L5	C1, C2, C3	NT8D81AA	C
		L5, L6	D1, D2, D3	NT8D81AA	D
		L7, L8	E1, E2, E3	NT8D81AA	E
		L8, L9	F1, F2, F3	NT8D81AA	F
		L10	G1, G2	NT8D81AA	G

Table 31
NT8D13 PE Module Network Loop Y, Cable J2 (Part 1 of 2)

From				To	
Card Slot	Faceplate Conn	Faceplate Pin	Signal	I/O Conn	Pin Number
DLB	LPY	1	–SEN 10	J2(LPY)	1
DLB	LPY	19	SEN 10	J2(LPY)	19
DLB	LPY	2	–SEN 11	J2(LPY)	2
DLB	LPY	20	SEN 11	J2(LPY)	20
DLB	LPY	3	–SEN 12	J2(LPY)	3
DLB	LPY	21	SEN 12	J2(LPY)	21
DLB	LPY	4	–SEN 13	J2(LPY)	4
DLB	LPY	22	SEN 13	J2(LPY)	22
DLB	LPY	5	LPIN 10	J2(LPY)	5
DLB	LPY	23	–LPIN 10	J2(LPY)	23
DLB	LPY	6	LPIN 11	J2(LPY)	6
DLB	LPY	24	–LPIN 11	J2(LPY)	24
DLB	LPY	7	LPIN 12	J2(LPY)	7
DLB	LPY	25	–LPIN 12	J2(LPY)	25
DLB	LPY	8	LPIN 13	J2(LPY)	8
DLB	LPY	26	–LPIN 13	J2(LPY)	26
DLB	LPY	9	LN 10	J2(LPY)	9
DLB	LPY	27	–LN 10	J2(LPY)	27
DLB	LPY	10	LN 11	J2(LPY)	10
DLB	LPY	28	–LN 11	J2(LPY)	28
DLB	LPY	11	CN 12	J2(LPY)	11
DLB	LPY	29	–CN 12	J2(LPY)	29
DLB	LPY	12	CN 13	J2(LPY)	12
DLB	LPY	30	–CN 13	J2(LPY)	30
DLB	LPY	13	CN 14	J2(LPY)	13
DLB	LPY	31	–CN 14	J2(LPY)	31

Table 31
NT8D13 PE Module Network Loop Y, Cable J2 (Part 2 of 2)

From				To	
Card Slot	Faceplate Conn	Faceplate Pin	Signal	I/O Conn	Pin Number
DLB	LPY	14	CN 15	J2(LPY)	14
DLB	LPY	32	–CN 15	J2(LPY)	32
DLB	LPY	15	MFSS	J2(LPY)	15
DLB	LPY	33	–MFSS	J2(LPY)	33
DLB	LPY	16	–BYP1	J2(LPY)	16
DLB	LPY	34	BYP1	J2(LPY)	34
DLB	LPY	17	M4	J2(LPY)	17
DLB	LPY	35	–M4	J2(LPY)	35
DLB	LPY	18	LPO1	J2(LPY)	18
DLB	LPY	36	–LPO1	J2(LPY)	36

Table 32
NT8D13 PE Module Network Loop X, Cable J1 (Part 1 of 2)

From				To	
Card Slot	Faceplate Conn	Faceplate Pin	Signal	I/O Conn	Pin Number
DLB	LPX	1	–SEN 00	J1(LPX)	1
DLB	LPX	19	SEN 00	J1(LPX)	19
DLB	LPX	2	–SEN 01	J1(LPX)	2
DLB	LPX	20	SEN 01	J1(LPX)	20
DLB	LPX	3	–SEN 02	J1(LPX)	3
DLB	LPX	21	SEN 02	J1(LPX)	21
DLB	LPX	4	–SEN 03	J1(LPX)	4
DLB	LPX	22	SEN 03	J1(LPX)	22
DLB	LPX	5	LPIN 00	J1(LPX)	5
DLB	LPX	23	–LPIN 00	J1(LPX)	23
DLB	LPX	6	LPIN 01	J1(LPX)	6
DLB	LPX	24	–LPIN 01	J1(LPX)	24
DLB	LPX	7	LPIN 02	J1(LPX)	7
DLB	LPX	25	–LPIN 02	J1(LPX)	25
DLB	LPX	8	LPIN 03	J1(LPX)	8
DLB	LPX	26	–LPIN 03	J1 LPX)	26
DLB	LPX	9	LN 00	J1(LPX)	9
DLB	LPX	27	–LN 00	J1(LPX)	27
DLB	LPX	10	LN 01	J1(LPX)	10
DLB	LPX	28	–LN 01	J1(LPX)	28
DLB	LPX	11	CN 02	J1(LPX)	11
DLB	LPX	29	–CN 02	J1(LPX)	29
DLB	LPX	12	CN 03	J1(LPX)	12
DLB	LPX	30	–CN 03	J1(LPX)	30
DLB	LPX	13	CN 04	J1(LPX)	13
DLB	LPX	31	–CN 04	J1(LPX)	31

Table 32
NT8D13 PE Module Network Loop X, Cable J1 (Part 2 of 2)

From				To	
Card Slot	Faceplate Conn	Faceplate Pin	Signal	I/O Conn	Pin Number
DLB	LPX	14	CN 05	J1(LPX)	14
DLB	LPX	32	–CN 05	J1(LPX)	32
DLB	LPX	15	MFSS	J1(LPX)	15
DLB	LPX	33	–MFSS	J1(LPX)	33
DLB	LPX	16	–BYP0	J1(LPX)	16
DLB	LPX	34	BYP0	J1(LPX)	34
DLB	LPX	17	M4	J1(LPX)	17
DLB	LPX	35	–M4	J1(LPX)	35
DLB	LPX	18	LPO0	J1(LPX)	18
DLB	LPX	36	–LPO0	J1(LPX)	36

Table 33
NT8D47 RPE Module cabling

From					To
Card	Card Slot	Card Conn	B/P Conn	Cable	I/O Conn Panel
QPC472	1, 11, 12	J3		NT8D86AD	J16, J17, J20
QPC472	1, 11, 12	J4		NT9J93AD	J24, J22, J18
QPC472	1, 11, 12	J5		NT8D83AD	J18, J22, J24
			C	NT9J94AB	C
			D	NT9J94AB	D
			E	NT8D86AC	J1
			F	NT8D86AC	J8

Table 34
NT8D11 XCPE Module cabling

From					To			
Card	Card Conn	Slot	B/P Conn	Cable	I/O Conn Panel	Card	Card Conn	Slot
QPC414	J1,J2	4-9		NT8D86AD	J1,J2,J5, J6,J9,J10			
NT8D04	J1,J2	4-9		NT8D88AD	J16,J17 (J1,J2, J5,J6,J9, J10 with adapter)			
NT8D17	J1	4-9		NT8D87AC	J1,J2,J5, J6,J9, J10			
QPC742	J1	1		NT8D77AB		NT8D68	0	4-9
QPC841	J1,J2	4-9		NT8D82AD	J3,J7,J11			
QPC757	J1,J2	4-9		NT8D82AD	J3,J7,J11			
QPC513	J1,J2	4-9		NT8D82AD	J3,J7,J11			
NT8D41	J1,J2	P4, P5, P6		NT8D84AA	J12,J13, J14,J15, J18,J19			
QPC687		2		NT8D82AD	J3,J7,J11			
QPC139	J3,J4	4-9		NT8D82AD	J3,J7,J11			
QPC414	J1,J2			NT8D85AB		QPC472	J3	4-9
QPC472	J5	4-9		NT8D83AD	J8			
QPC472	J4	4-9		NT9J93AD	J4			
			L0-1, L0-2, L0-3	NT8D81AA	A			
			L1-1, L1-2, L2-1	NT8D81AA	B			
			L2-2, L3-1, L3-2	NT8D81AA	C			
			L4-1, L4-2, L5-1	NT8D81AA	E			
			L5-2, L6-1, L6-2	NT8D81AA	F			
			L7-1, L7-2, L8-1	NT8D81AA	H			
			L8-2, L9-1, L9-2	NT8D81AA	K			

Table 35
NT8D11 XCPE Module T&R Cable A (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
0	1	12A	R0	A	1	1
0	1	12B	T0	A	1	26
0	1	13A	R1	A	1	2
0	1	13B	T1	A	1	27
0	1	14A	R2	A	1	3
0	1	14B	T2	A	1	28
0	1	15A	R3	A	1	4
0	1	15B	T3	A	1	29
0	1	16A	R4	A	1	5
0	1	16B	T4	A	1	30
0	1	17A	R5	A	1	6
0	1	17B	T5	A	1	31
0	1	18A	R6	A	1	7
0	1	18B	T6	A	1	32
0	1	19A	R7	A	1	8
0	1	19B	T7	A	1	33
0	2	62A	R8	A	2	9
0	2	62B	T8	A	2	34
0	2	63A	R9	A	2	10
0	2	63B	T9	A	2	35
0	2	64A	R10	A	2	11
0	2	64B	T10	A	2	36
0	2	65A	R11	A	2	12
0	2	65B	T11	A	2	37
0	2	66A	R12	A	2	13
0	2	66B	T12	A	2	38
0	2	67A	R13	A	2	14
0	2	67B	T13	A	2	39
0	2	68A	R14	A	2	15
0	2	68B	T14	A	2	40
0	2	69A	R15	A	2	16
0	2	69B	T15	A	2	41

* Reserved for future packs requiring 24 T&R.

Table 35
NT8D11 XCPE Module T&R Cable A (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
0	3	73A	*R16	A	3	17
0	3	73B	*T16	A	3	42
0	3	74A	*R17	A	3	18
0	3	74B	*T17	A	3	43
0	3	75A	*R18	A	3	19
0	3	75B	*T18	A	3	44
0	3	76A	*R19	A	3	20
0	3	76B	*T19	A	3	45
0	3	77A	*R20	A	3	21
0	3	77B	*T20	A	3	46
0	3	78A	*R21	A	3	22
0	3	78B	*T21	A	3	47
0	3	79A	*R22	A	3	23
0	3	79B	*T22	A	3	48
0	3	80A	*R23	A	3	24
0	3	80B	*T23	A	3	49
* Reserved for future packs requiring 24 T&R.						

Table 36
NT8D11 XCPE Module T&R Cable B (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
1	1	12A	R0	B	1	1
1	1	12B	T0	B	1	26
1	1	13A	R1	B	1	2
1	1	13B	T1	B	1	27
1	1	14A	R2	B	1	3
1	1	14B	T2	B	1	28
1	1	15A	R3	B	1	4
1	1	15B	T3	B	1	29
1	1	16A	R4	B	1	5
1	1	16B	T4	B	1	30
1	1	17A	R5	B	1	6
1	1	17B	T5	B	1	31
1	1	18A	R6	B	1	7
1	1	18B	T6	B	1	32
1	1	19A	R7	B	1	8
1	1	19B	T7	B	1	33
1	2	62A	R8	B	2	9
1	2	62B	T8	B	2	34
1	2	63A	R9	B	2	10
1	2	63B	T9	B	2	35
1	2	64A	R10	B	2	11
1	2	64B	T10	B	2	36
1	2	65A	R11	B	2	12
1	2	65B	T11	B	2	37
1	2	66A	R12	B	2	13
1	2	66B	T12	B	2	38
1	2	67A	R13	B	2	14
1	2	67B	T13	B	2	39
1	2	68A	R14	B	2	15
1	2	68B	T14	B	2	40
1	2	69A	R15	B	2	16
1	2	69B	T15	B	2	41

Table 36
NT8D11 XCPE Module T&R Cable B (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
2	1	12A	R0	B	3	17
2	1	12B	T0	B	3	42
2	1	13A	R1	B	3	18
2	1	13B	T1	B	3	43
2	1	14A	R2	B	3	19
2	1	14B	T2	B	3	44
2	1	15A	R3	B	3	20
2	1	15B	T3	B	3	45
2	1	16A	R4	B	3	21
2	1	16B	T4	B	3	46
2	1	17A	R5	B	3	22
2	1	17B	T5	B	3	47
2	1	18A	R6	B	3	23
2	1	18B	T6	B	3	48
2	1	19A	R7	B	3	24
2	1	19B	T7	B	3	49

Table 37
NT8D11 XCPE Module T&R Cable C (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
2	2	62A	R8	C	1	1
2	2	62B	T8	C	1	26
2	2	63A	R9	C	1	2
2	2	63B	T9	C	1	27
2	2	64A	R10	C	1	3
2	2	64B	T10	C	1	28
2	2	65A	R11	C	1	4
2	2	65B	T11	C	1	29
2	2	66A	R12	C	1	5
2	2	66B	T12	C	1	30
2	2	67A	R13	C	1	6
2	2	67B	T13	C	1	31
2	2	68A	R14	C	1	7
2	2	68B	T14	C	1	32
2	2	69A	R15	C	1	8
2	2	69B	T15	C	1	33
3	1	12A	R0	C	2	9
3	1	12B	T0	C	2	34
3	1	13A	R1	C	2	10
3	1	13B	T1	C	2	35
3	1	14A	R2	C	2	11
3	1	14B	T2	C	2	36
3	1	15A	R3	C	2	12
3	1	15B	T3	C	2	37
3	1	16A	R4	C	2	13
3	1	16B	T4	C	2	38
3	1	17A	R5	C	2	14
3	1	17B	T5	C	2	39
3	1	18A	R6	C	2	15
3	1	18B	T6	C	2	40
3	1	19A	R7	C	2	16
3	1	19B	T7	C	2	41

Table 37
NT8D11 XCPE Module T&R Cable C (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
3	2	62A	R8	C	3	17
3	2	62B	T8	C	3	42
3	2	63A	R9	C	3	18
3	2	63B	T9	C	3	43
3	2	64A	R10	C	3	19
3	2	64B	T10	C	3	44
3	2	65A	R11	C	3	20
3	2	65B	T11	C	3	45
3	2	66A	R12	C	3	21
3	2	66B	T12	C	3	46
3	2	67A	R13	C	3	22
3	2	67B	T13	C	3	47
3	2	68A	R14	C	3	23
3	2	68B	T14	C	3	48
3	2	69A	R15	C	3	24
3	2	69B	T15	C	3	49

Table 38
NT8D11 XCPE Module T&R Cable E (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
4	1	12A	R0	E	1	1
4	1	12B	T0	E	1	26
4	1	13A	R1	E	1	2
4	1	13B	T1	E	1	27
4	1	14A	R2	E	1	3
4	1	14B	T2	E	1	28
4	1	15A	R3	E	1	4
4	1	15B	T3	E	1	29
4	1	16A	R4	E	1	5
4	1	16B	T4	E	1	30
4	1	17A	R5	E	1	6
4	1	17B	T5	E	1	31
4	1	18A	R6	E	1	7
4	1	18B	T6	E	1	32
4	1	19A	R7	E	1	8
4	1	19B	T7	E	1	33
4	2	62A	R8	E	2	9
4	2	62B	T8	E	2	34
4	2	63A	R9	E	2	10
4	2	63B	T9	E	2	35
4	2	64A	R10	E	2	11
4	2	64B	T10	E	2	36
4	2	65A	R11	E	2	12
4	2	65B	T11	E	2	37
4	2	66A	R12	E	2	13
4	2	66B	T12	E	2	38
4	2	67A	R13	E	2	14
4	2	67B	T13	E	2	39
4	2	68A	R14	E	2	15
4	2	68B	T14	E	2	40
4	2	69A	R15	E	2	16
4	2	69B	T15	E	2	41

Table 38
NT8D11 XCPE Module T&R Cable E (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
5	1	12A	R0	E	3	17
5	1	12B	T0	E	3	42
5	1	13A	R1	E	3	18
5	1	13B	T1	E	3	43
5	1	14A	R2	E	3	19
5	1	14B	T2	E	3	44
5	1	15A	R3	E	3	20
5	1	15B	T3	E	3	45
5	1	16A	R4	E	3	21
5	1	16B	T4	E	3	46
5	1	17A	R5	E	3	22
5	1	17B	T5	E	3	47
5	1	18A	R6	E	3	23
5	1	18B	T6	E	3	48
5	1	19A	R7	E	3	24
5	1	19B	T7	E	3	49

Table 39
NT8D11 XCPE Module T&R Cable F (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
5	2	62A	R8	F	1	1
5	2	62B	T8	F	1	26
5	2	63A	R9	F	1	2
5	2	63B	T9	F	1	27
5	2	64A	R10	F	1	3
5	2	64B	T10	F	1	28
5	2	65A	R11	F	1	4
5	2	65B	T11	F	1	29
5	2	66A	R12	F	1	5
5	2	66B	T12	F	1	30
5	2	67A	R13	F	1	6
5	2	67B	T13	F	1	31
5	2	68A	R14	F	1	7
5	2	68B	T14	F	1	32
5	2	69A	R15	F	1	8
5	2	69B	T15	F	1	33
6	1	12A	R0	F	2	9
6	1	12B	T0	F	2	34
6	1	13A	R1	F	2	10
6	1	13B	T1	F	2	35
6	1	14A	R2	F	2	11
6	1	14B	T2	F	2	36
6	1	15A	R3	F	2	12
6	1	15B	T3	F	2	37
6	1	16A	R4	F	2	13
6	1	16B	T4	F	2	38
6	1	17A	R5	F	2	14
6	1	17B	T5	F	2	39
6	1	18A	R6	F	2	15
6	1	18B	T6	F	2	40
6	1	19A	R7	F	2	16
6	1	19B	T7	F	2	41

Table 39
NT8D11 XCPE Module T&R Cable F (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
6	2	62A	R8	F	3	17
6	2	62B	T8	F	3	42
6	2	63A	R9	F	3	18
6	2	63B	T9	F	3	43
6	2	64A	R10	F	3	19
6	2	64B	T10	F	3	44
6	2	65A	R11	F	3	20
6	2	65B	T11	F	3	45
6	2	66A	R12	F	3	21
6	2	66B	T12	F	3	46
6	2	67A	R13	F	3	22
6	2	67B	T13	F	3	47
6	2	68A	R14	F	3	23
6	2	68B	T14	F	3	48
6	2	69A	R15	F	3	24
6	2	69B	T15	F	3	49

Table 40
NT8D11 XCPE Module T&R Cable H (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
7	1	12A	R0	H	1	1
7	1	12B	T0	H	1	26
7	1	13A	R1	H	1	2
7	1	13B	T1	H	1	27
7	1	14A	R2	H	1	3
7	1	14B	T2	H	1	28
7	1	15A	R3	H	1	4
7	1	15B	T3	H	1	29
7	1	16A	R4	H	1	5
7	1	16B	T4	H	1	30
7	1	17A	R5	H	1	6
7	1	17B	T5	H	1	31
7	1	18A	R6	H	1	7
7	1	18B	T6	H	1	32
7	1	19A	R7	H	1	8
7	1	19B	T7	H	1	33
7	2	62A	R8	H	2	9
7	2	62B	T8	H	2	34
7	2	63A	R9	H	2	10
7	2	63B	T9	H	2	35
7	2	64A	R10	H	2	11
7	2	64B	T10	H	2	36
7	2	65A	R11	H	2	12
7	2	65B	T11	H	2	37
7	2	66A	R12	H	2	13
7	2	66B	T12	H	2	38
7	2	67A	R13	H	2	14
7	2	67B	T13	H	2	39
7	2	68A	R14	H	2	15
7	2	68B	T14	H	2	40
7	2	69A	R15	H	2	16
7	2	69B	T15	H	2	41

Table 40
NT8D11 XCPE Module T&R Cable H (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
8	1	12A	R0	H	3	17
8	1	12B	T0	H	3	42
8	1	13A	R1	H	3	18
8	1	13B	T1	H	3	43
8	1	14A	R2	H	3	19
8	1	14B	T2	H	3	44
8	1	15A	R3	H	3	20
8	1	15B	T3	H	3	45
8	1	16A	R4	H	3	21
8	1	16B	T4	H	3	46
8	1	17A	R5	H	3	22
8	1	17B	T5	H	3	47
8	1	18A	R6	H	3	23
8	1	18B	T6	H	3	48
8	1	19A	R7	H	3	24
8	1	19B	T7	H	3	49

Table 41
NT8D11 XCPE Module T&R Cable K (Part 1 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
8	2	62A	R8	K	1	1
8	2	62B	T8	K	1	26
8	2	63A	R9	K	1	2
8	2	63B	T9	K	1	27
8	2	64A	R10	K	1	3
8	2	64B	T10	K	1	28
8	2	65A	R11	K	1	4
8	2	65B	T11	K	1	29
8	2	66A	R12	K	1	5
8	2	66B	T12	K	1	30
8	2	67A	R13	K	1	6
8	2	67B	T13	K	1	31
8	2	68A	R14	K	1	7
8	2	68B	T14	K	1	32
8	2	69A	R15	K	1	8
8	2	69B	T15	K	1	33
9	1	12A	R0	K	2	9
9	1	12B	T0	K	2	34
9	1	13A	R1	K	2	10
9	1	13B	T1	K	2	35
9	1	14A	R2	K	2	11
9	1	14B	T2	K	2	36
9	1	15A	R3	K	2	12
9	1	15B	T3	K	2	37
9	1	16A	R4	K	2	13
9	1	16B	T4	K	2	38
9	1	17A	R5	K	2	14
9	1	17B	T5	K	2	39
9	1	18A	R6	K	2	15
9	1	18B	T6	K	2	40
9	1	19A	R7	K	2	16
9	1	19B	T7	K	2	41

Table 41
NT8D11 XCPE Module T&R Cable K (Part 2 of 2)

From				To		
Card Slot	B/P Conn	B/P Pin	Signal	I/O Cable	I/O Conn	Pin Num
9	2	62A	R8	K	3	17
9	2	62B	T8	K	3	42
9	2	63A	R9	K	3	18
9	2	63B	T9	K	3	43
9	2	64A	R10	K	3	19
9	2	64B	T10	K	3	44
9	2	65A	R11	K	3	20
9	2	65B	T11	K	3	45
9	2	66A	R12	K	3	21
9	2	66B	T12	K	3	46
9	2	67A	R13	K	3	22
9	2	67B	T13	K	3	47
9	2	68A	R14	K	3	23
9	2	68B	T14	K	3	48
9	2	69A	R15	K	3	24
9	2	69B	T15	K	3	49

Table 42
Cabling between two NT8D34 XSCPU Modules

From					To			
Card	CARD CONN	Slot	Module	Cable	Card	Card Conn	Slot	Module
QPC581	J1	3	CPU 0	NT8D85AB	QPC581	J1	3	CPU 1
QPC581	J2	3	CPU 0	NT8D80AC	QPC581	J2	3	CPU 1
QPC742	J1	7	CPU 0	NT8D78AA	NT8D68	0	MSU	CPU 0, 1
QPC742	J1	7	CPU 1	NT8D78AA	NT8D68	1	MSU	CPU 0, 1
QPC584	J1	7	CPU 0	NT8D80AA	NT8D69	0	MSU	CPU 0, 1
QPC584	J1	7	CPU 1	NT8D80AA	NT8D69	1	MSU	CPU 0, 1

Table 43
Cabling between two NT8D35 XNE Modules

From			To	
B/P CONNECTOR	Module	Cable	B/P CONNECTOR	Module
A	NET	NT8D99AB	A	NET
B	NET	NT8D99AB	B	NET
C	NET	NT8D99AB	C	NET
D	NET	NT8D99AB	D	NET
E	NET	NT8D99AB	E	NET

Table 44
Network to junctor cabling

From						To	
Card	Card Conn	Slot	Module	Grp	Cable	Card Conn	Module
QPC412		2	NET 0	0	NT8D76	J6	JUNCTOR
QPC412		3	NET 0	0	NT8D76	J1	JUNCTOR
QPC412		2	NET 1	0	NT8D76	J17	JUNCTOR
QPC412		3	NET 1	0	NT8D76	J22	JUNCTOR
QPC412		2	NET 0	1	NT8D76	J7	JUNCTOR
QPC412		3	NET 0	1	NT8D76	J2	JUNCTOR
QPC412		2	NET 1	1	NT8D76	J16	JUNCTOR
QPC412		3	NET 1	1	NT8D76	J21	JUNCTOR
QPC412		2	NET 0	2	NT8D76	J8	JUNCTOR
QPC412		3	NET 0	2	NT8D76	J3	JUNCTOR
QPC412		2	NET 1	2	NT8D76	J15	JUNCTOR
QPC412		3	NET 1	2	NT8D76	J20	JUNCTOR
QPC412		2	NET 0	3	NT8D76	J9	JUNCTOR
QPC412		3	NET 0	3	NT8D76	J4	JUNCTOR
QPC412		2	NET 1	3	NT8D76	J14	JUNCTOR
QPC412		3	NET 1	3	NT8D76	J19	JUNCTOR
QPC412		2	NET 0	4	NT8D76	J10	JUNCTOR
QPC412		3	NET 0	4	NT8D76	J5	JUNCTOR
QPC412		2	NET 1	4	NT8D76	J13	JUNCTOR
QPC412		3	NET 1	4	NT8D76	J18	JUNCTOR
QPC471	J1	14	CPU 0		NT8D74	J11	JUNCTOR
QPC471	J1	14	CPU 1		NT8D74	J12	JUNCTOR

Table 45
System option 61 cabling

From						To				
B/P Conn	Card	Card Conn	Slot	Mod	Cable	Card	Card Conn	Slot	Mod	B/P Conn
	QPC584	J1	12	XCNE 0	NT8D80AB	NT8D69	0	18	XCNE 0	
	QPC584	J1	12	XCNE 1	NT8D80AC	NT8D69	1	18	XCNE 0	
	QPC742	J1	12	XCNE 0	NT8D77AA	NT8D68	0	18	XCNE 0	
	QPC742	J1	12	XCNE 1	NT8D77AC	NT8D68	1	18	XCNE 0	
	QPC471	J3	9	XCNE 0	NT8D75AD	QPC471	J3	9	XCNE 1	
	QPC581	J1	16	XCNE 0	NT8D85AZ	QPC581	J1	16	XCNE 1	
	QPC581	J2	16	XCNE 0	NT8D80AZ	QPC581	J2	16	XCNE 1	
D				XCNE 0	NT8D99AB				XCNE 1	D
E				XCNE 0	NT8D99AB				XCNE 1	E
	QPC441	J3	1	XCNE 0	NT8D80AC	QPC441	J3	1	XCNE 1	
	QPC441	J4	1	XCNE 0	NT8D80AC	QPC441	J4	1	XCNE 1	

Table 46
System option 71 XSCPU to XNE cabling

From					To				
Card	Card Conn	Slot	Mod	Cable	Card	Card Conn	Slot	Mod	Grp
QPC215	J3	8-12	CPU 0	NT8D80	QPC441	J3	1	NET 0	0
QPC215	J4	8-12	CPU 0	NT8D80	QPC441	J4	1	NET 0	0
QPC215	J3	8-12	CPU 0	NT8D80	QPC441	J3	1	NET 0	1
QPC215	J4	8-12	CPU 0	NT8D80	QPC441	J4	1	NET 0	1
QPC215	J3	8-12	CPU 0	NT8D80	QPC441	J3	1	NET 0	2
QPC215	J4	8-12	CPU 0	NT8D80	QPC441	J4	1	NET 0	2
QPC215	J3	8-12	CPU 0	NT8D80	QPC441	J3	1	NET 0	3
QPC215	J4	8-12	CPU 0	NT8D80	QPC441	J4	1	NET 0	3
QPC215	J3	8-12	CPU 0	NT8D80	QPC441	J3	1	NET 0	4
QPC215	J4	8-12	CPU 0	NT8D80	QPC441	J4	1	NET 0	4
QPC215	J3	8-12	CPU 1	NT8D80	QPC441	J3	1	NET 1	0
QPC215	J4	8-12	CPU 1	NT8D80	QPC441	J4	1	NET 1	0
QPC215	J3	8-12	CPU 1	NT8D80	QPC441	J3	1	NET 1	1
QPC215	J4	8-12	CPU 1	NT8D80	QPC441	J4	1	NET 1	1
QPC215	J3	8-12	CPU 1	NT8D80	QPC441	J3	1	NET 1	2
QPC215	J4	8-12	CPU 1	NT8D80	QPC441	J4	1	NET 1	2
QPC215	J3	8-12	CPU 1	NT8D80	QPC441	J3	1	NET 1	3
QPC215	J4	8-12	CPU 1	NT8D80	QPC441	J4	1	NET 1	3
QPC215	J3	8-12	CPU 1	NT8D80	QPC441	J3	1	NET 1	4
QPC215	J4	8-12	CPU 1	NT8D80	QPC441	J4	1	NET 1	4

Table 47
Network to PE cabling

From				To		
Card	Card Conn	Module	Cable	Card	Card Conn	Module
QPC414	J1	NET	NT8D85AB through NT8D85AV	QPC659	LPX	PE
QPC414	J2	NET	NT8D85AB through NT8D85AV	QPC659	LPY	PE
QPC659	LPY	PE	NT8D85AB through NT8D85AV	QPC659	LPX	PE
NT8D04	J1, J2	NET	NT8D91AC through NT8D91AV	NT8D01	SL0, SL1, SL2, SL3	IPE

Table 48
NT7D19 Meridian Link Module cabling

From Card	To Card Connector	Slot	Cable	I/O Conn Panel	Card	Card Conn
MVME712AM	J1		NT7D79AA	J7		
MVME712AM	J4		NT7D46AA	J8		
MVME712AM	J12		NT7D60AA	J9		
MVME712AM	J15		NT7D59AA	J1, J2, J3, J4, J5, J6		
MVME712AM	J11		NT7D76AA		P2 Adapter	J2
MVME705B	J1, J2, J3	1, 2	NT7D48AA	J1, J2, J3, J4, J5, J6		
MVME705B	P2	1, 2	NT7D57AA		MVME333-2	P2
NT7D62AA	P3		NT7D56AA		P2 Adapter	J3
NT7D62AA	J3		NT7D53AA		ST1126N	J1
NT7D62AA	J1		NT7D53AA		ST1126N	J1
NT7D1901	P1		NT7D52AA		NT7D1802	P1, P2